

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q96380

Hiroaki YANAGITA, et al.

Appln. No.: 10/588,659

Group Art Unit: 2814

Confirmation No.: 9256

Examiner: Diana C GARRITY

Filed: August 7, 2006

For: A p-Type ZnS Based Semiconductor Material having a Low Resistance Due to its High Copper Content

**STATEMENT OF SUBSTANCE OF INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please review and enter the following remarks summarizing the telephone interview conducted on May 13, 2009:

**REMARKS**

An Examiner's Interview Summary Record (PTO-413) was provided to the Applicant, dated May 19, 2009.

During the interview, the following was discussed:

1. Identification of claim discussed: Claim 1
2. Identification of art discussed: V. Dimitrova, J. Tate, Synthesis and characterization of some ZnS-based thin film phosphors for electroluminescent device applications, Thin Solid Films 365 (2000) pages 134-138.

3. Brief Identification of principal arguments: Applicants' representatives discussed the stoichiometric requirement that is inherent in the formula of Claim 1 as compared to Dimitrova, which does not meet the formula and specifically the balanced stoichiometric condition required by Claim 1. The Examiner agreed to consider Applicants' position when preparing an Office Action in response to the Amendment filed April 30, 2009.

Applicants' representatives asked the Examiner to provide objective evidence in support of her inherency position regarding polarity. The Examiner took the position that she has already provided adequate support.

Finally, Applicants' representatives presented arguments that Cl, which is not an essential component of the present invention, is utilized as a compensation dopant to precisely control the carrier concentration, only when a resistivity of a certain range is desired, which differs from Dimitrova in which Cl is an essential component.

4. Results of Interview: No agreement was reached

It is respectfully submitted that the instant STATEMENT OF SUBSTANCE OF INTERVIEW complies with the requirements of 37 C.F.R. §§1.2 and 1.133 and MPEP §713.04.

**It is believed that no petition or fee is required.** However, if the USPTO deems otherwise, Applicant hereby petitions for any extension of time which may be required to maintain the pendency of this case, and any required fee, except for the Issue Fee, for such extension is to be charged to Deposit Account No. 19-4880.

Respectfully submitted,



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**65565**

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Date: June 19, 2009